

POOR LEGIBILITY

**ONE OR MORE PAGES IN THIS DOCUMENT ARE DIFFICULT TO READ
DUE TO THE QUALITY OF THE ORIGINAL**

88090130

Attachment #5

SFUND RECORDS CTR
88090130SFUND RECORDS CTR
1633-00059~~0000043~~

VISIBLE EMISSION OBSERVATION RECORD

Company 2111 2015405 Co. (CALING), CADate 10/20/76 Time First Sighted Plume 305 PMTime Start 305 PM Time Stop 336 PMAir Temperature 78°F Relative Humidity _____Wind Speed 0-3 mph Wind Direction SouthSky Condition Cloudy Background Green HillsPlume Characteristics: Continuous: ☒ yes () noColor White Dispersion Description RisingStack Height 3 (ft) Observer location: 40 (ft) SW of stack

Sun location

() Back of Observer

☒ Left Shoulder

() Right Shoulder

() Other

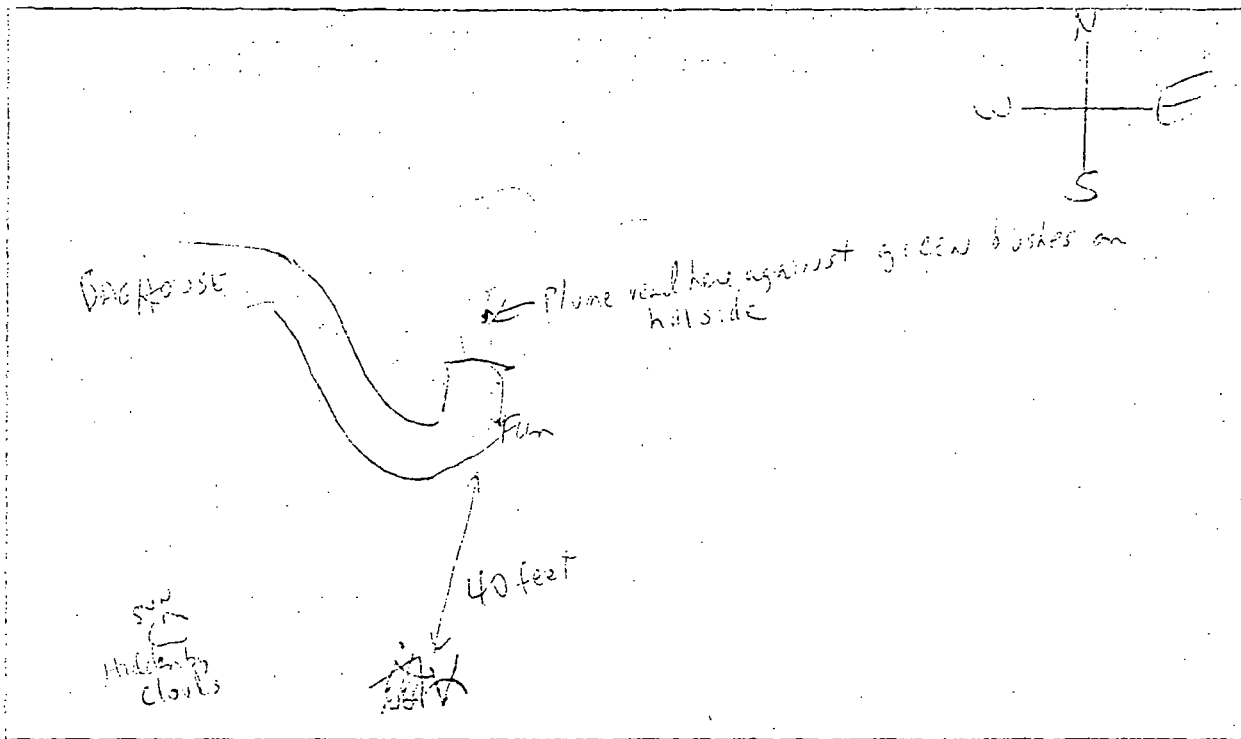
Emission Point Vent from Bayhouse Fan #1

Min	0	15	30	45
01	5	10	15	10
02	10	10	10	10
03	10	20	15	20
04	15	10	10	10
05	10	10	10	10
06	5	10	10	10
07	10	10	10	10
08	10	10	10	10
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13	20	35	40	35
14	10	40	35	40
15	35	40	35	30
16	20	35	20	30
17	40	45	15	20
18	10	10	15	20
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Min	0	15	30	45
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Min	0	15	30	45
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NOTES: Low at 336 PM 4000 ft above groundInspector John J. [unclear] Date Oct 20, 1976

Symbols

Sun = ☼

Plume direction = —→

Point where plume observed =

Observer = ☼

Water Vapor Condensate Not present

Photographs: S&A File () Enclosed () None ()

Comments Exhaust from baghouse vent emitting visible emission
plumeSignature Ray LawrenceDate Oct 20, 1976

~~0000043~~

VISIBLE EMISSION OBSERVATION RECORD

Company ATLAS ARREST-3

Date 10/25/73 Time First Sighted Plume 2 P.M.

Time Start 2:05 Time Stop 2:12:30

Air Temperature T_w = 73°F
T_a = 45°F Relative Humidity _____

Wind Speed 0-5 mph Wind Direction S

Sky Condition OVERCAST Background GREEN PINE TREES

Plume Characteristics: Continuous: (☒ yes () no

Color WHITE - LIGHT Dispersion Description RISE

Stack Height 5 (ft) Observer location: 40 (ft) 5 of stack

Sun location

() Back of Observer (☒ Left Shoulder
() Right Shoulder () Other

Emission Point 1/2 in from backwash fan

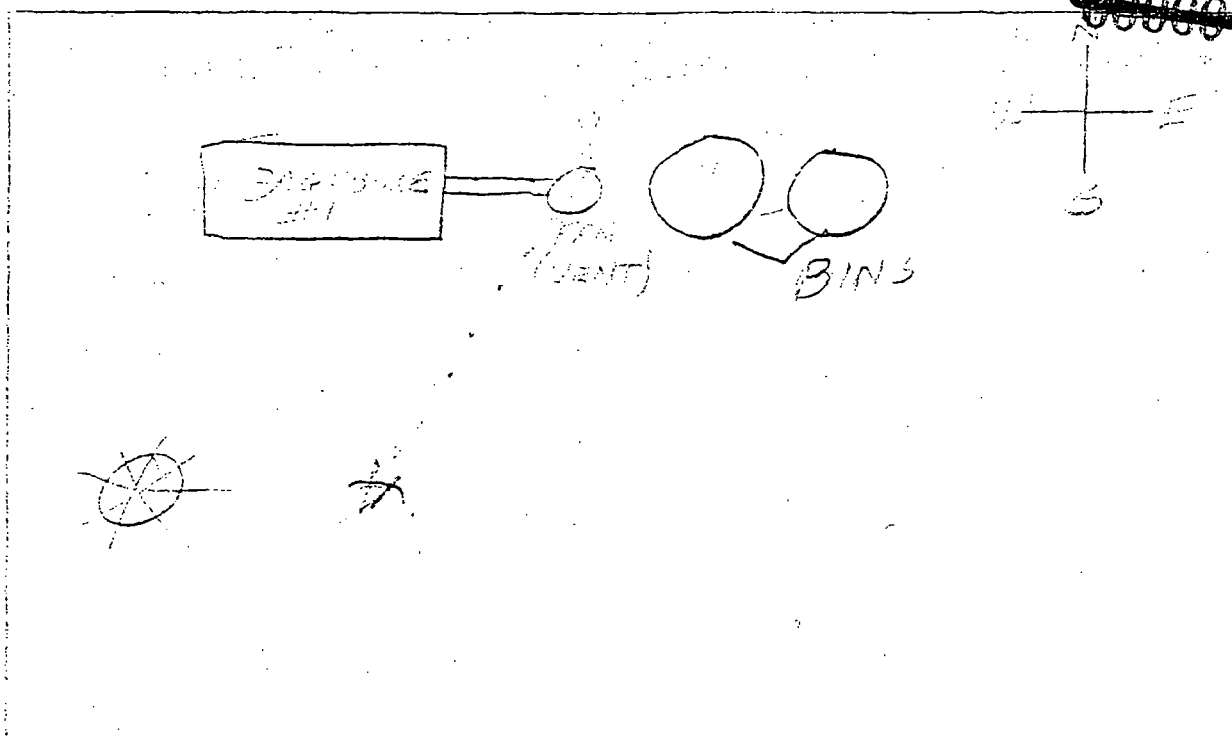
Min	0	15	30	45
01	5	5	5	5
02	5	5	5	5
03	5	5	5	5
04	5	5	5	5
05	5	5	10	10
06	5	5	5	5
07	5	5	5	5
08	5	20		
09				
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Min	0	15	30	45
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Min	0	15	30	45
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NOTES:

Inspector John M. [illegible] Date 10/25/73

~~0000042~~Symbols

Sun =

Plume direction =

Point where plume observed =

Observer =

Water Vapor Condensate NONE

Photographs: SSA File () Enclosed () None ()

Comments 2 photos takenSignature Date 10/20/76

VISIBLE EMISSION OBSERVATION RECORD

~~00000010~~

Company ATLAS AIRCRAFT

Date 1-10-76 Time First Sighted Plume 2:10

Time Start 2:26 AM Time Stop 2:36

Air Temperature T_a = 70°F Relative Humidity T_d = 20°F

Wind Speed CALM Wind Direction

Sky Condition CLOUDY Background GREEN RUSHES

Plume Characteristics: Continuous: (☒) yes () no

Color LIGHT Dispersion Description RISING

Stack Height 5 (ft) Observer location: 40 (ft) 5 of stack

Sun location

() Back of Observer
() Right Shoulder

(☒) Left Shoulder
() Other

Emission Point VENT ON FPM

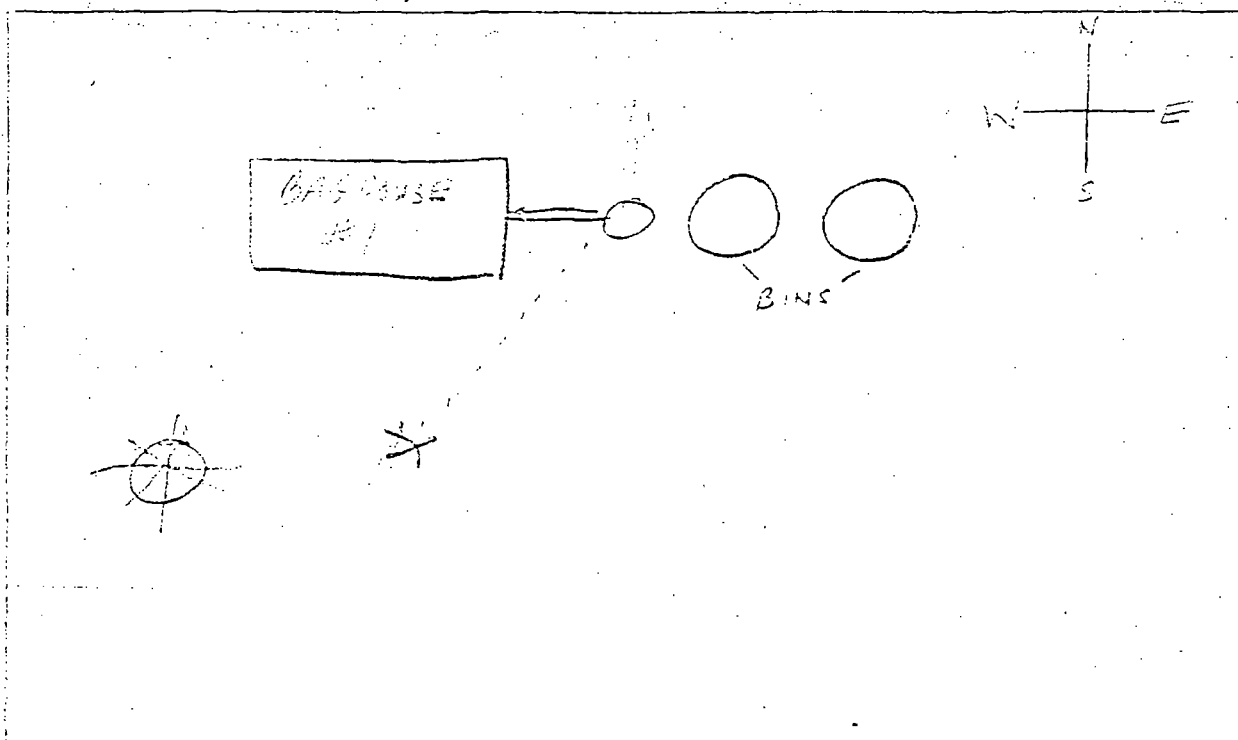
Min	0	15	30	45
01	20	15	25	25
02	20	15	15	5
03	5	10	10	5
04	5	5	5	5
05	5	5	5	0
06	5	5	5	10
07	5	5	10	10
08	5	5	5	0
09	5	10	10	10
10	5	5	5	5
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Min	0	15	30	45
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NOTES:

Inspector John W. Kuchner Date 10/20/76

Symbols

Sun = *

Plume direction = —→

Point where plume observed =

Observer = *

Water Vapor Condensate NONE

Photographs: S&A File () Enclosed () None ()

Comments 2 photos takenSignature [Signature] Date [Date]

TEST NO. _____

PAGE 1

FRESNO COUNTY AIR POLLUTION CONTROL DISTRICT

~~0000049~~

VISIBLE EMISSIONS FIELD REPORT

NAME <u>Atlas Asbestos</u>		DATE OF INSPECTION <u>Oct 20 1974</u>	
EQUIPMENT LOCATION (ADDRESS)		PERMIT APPL. NO.	
SOURCE OF AIR CONTAMINANTS <u>#1 Fab Filter</u>		TYPES OF AIR CONTAMINANTS <u>Part. asbestos</u>	
POINT(S) OF OBSERVATION <u>SE of fan</u>		POINT OF DISCHARGE <u>Fan exhaust</u>	
WEATHER <u>Cloudy</u>	WIND <u>0</u>	HOURS OF OBSERVATION: FROM <u>2</u> TO <u>3:33</u>	

OBSERVATIONS OF VISIBLE AIR CONTAMINANTS

TIME		INTERVAL		% OPACITY or RINGEL- MANN NO.	COLOR *(SEE CODE BELOW)	
FROM	TO	MIN- UTES	SEC- ONDS			
2 ⁰⁰	2 ^{00 20}			10%	W	Other times: no visibles
2 ^{02 30}	2 ^{02 45}			5%		
2 ^{04 20}	2 ^{04 40}			< 5%		
2 ^{05 50}	2 ^{05 52}		2	20%		
2 ^{06 45}	2 ^{07 25}			5%		
2 ⁰⁸	2 ^{08 20}			5%		
2 ^{09 40}	2 ^{11 15}			20%		Apparent breakdown - dust also from West end of fab filter. Broken air line.
2 ^{12 45}	2 ^{13 30}			20%		
2 ^{13 50}	2 ^{14 20}			40%		
2 ^{15 10}	2 ^{15 40}			10%		
2 ^{16 30}	2 ^{17 30}			-0		
2 ¹⁸	2 ²⁰			0		

*COLOR CODE

← TOTAL TIME OF DISCHARGE OF AIR CONTAMINANTS
OF OPACITY (OR DENSITY) OF _____ OR GREATER

"B" MEANS BLACK

"W" MEANS WHITE

" " MEANS _____

" " MEANS _____

SIGNATURE Robert BashaiTITLE RS

TEST NO. _____

PAGE 2

FRESNO COUNTY AIR POLLUTION CONTROL DISTRICT

VISIBLE EMISSIONS FIELD REPORT

NAME <u>At/4s Asbestos</u> <u>Page 2</u>				DATE OF INSPECTION <u>Oct 20</u>	
EQUIPMENT LOCATION (ADDRESS)				PERMIT APPL. NO.	
SOURCE OF AIR CONTAMINANTS <u>#1 Fabric Filter</u>				TYPES OF AIR CONTAMINANTS	
POINT(S) OF OBSERVATION <u>SE of Fan</u>				POINT OF DISCHARGE <u>Fan exhaust</u>	
WEATHER		WIND <u>1</u>		HOURS OF OBSERVATION: FROM _____ TO _____	
OBSERVATIONS OF VISIBLE AIR CONTAMINANTS					
TIME		INTERVAL		OPACITY or RENGEL- MANN NO.	COLOR *(SEE CODE BELOW)
FROM	TO	MIN- UTES	SEC- ONDS		
<u>2²³20</u>	<u>2²⁴</u>	<u>#</u>		<u>10 %</u>	<u>Other times - no visibles</u>
<u>2²⁴15</u>	<u>2²⁴45</u>			<u>5 %</u>	
<u>2²⁵15</u>	<u>2²⁵35</u>			<u>5 %</u>	
<u>2²⁶30</u>	<u>2²⁶50</u>			<u>< 5 %</u>	
<u>2²⁸45</u>	<u>2²⁸55</u>			<u>10 %</u>	
<u>2³¹15</u>	<u>2³²15</u>			<u>10 %</u>	
<u>2³²45</u>	<u>2³³15</u>			<u>5 %</u>	
<u>2³⁴35</u>	<u>2³⁵50</u>			<u>10 %</u>	
*COLOR CODE		TOTAL TIME OF DISCHARGE OF AIR CONTAMINANTS OF OPACITY (OR DENSITY) OF _____ OR GREATER			
"B" MEANS BLACK "W" MEANS WHITE " " MEANS _____ " " MEANS _____					
SIGNATURE <u>Robert Bashin</u>				TITLE <u>DS</u>	

TEST NO. _____

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FRESNO COUNTY AIR POLLUTION CONTROL DISTRICT

~~0000043~~

VISIBLE EMISSIONS FIELD REPORT

NAME <u>Atlas Asbestos</u> <u>Pg 3</u>		DATE OF INSPECTION <u>Oct 20</u>
EQUIPMENT LOCATION (ADDRESS)		PERMIT APPL. NO.
SOURCE OF AIR CONTAMINANTS <u>#1 Fabric Filter</u>		TYPES OF AIR CONTAMINANTS
POINT(S) OF OBSERVATION <u>SE of Fan</u>		POINT OF DISCHARGE <u>Fan exhaust</u>
WEATHER	WIND <u>W</u>	HOURS OF OBSERVATION: FROM _____ TO _____

OBSERVATIONS OF VISIBLE AIR CONTAMINANTS

TIME		INTERVAL		OPACITY OR RINGEL- MANN NO.	COLOR *(SEE CODE BELOW)	
FROM	TO	MIN- UTES	SEC- ONDS			
<u>25530</u>	<u>25615</u>			<u>20</u>		
<u>25630</u>	<u>25700</u>			<u>10</u>		
<u>25830</u>	<u>259</u>			<u>5</u>		
<u>25945</u>	<u>300</u>			<u>10</u>		
<u>301</u>	<u>30115</u>			<u>15</u>		
<u>30115</u>	<u>30145</u>			<u>15</u>		
<u>30215</u>	<u>30300</u>			<u>30</u>		
<u>30300</u>	<u>30350</u>			<u>20</u>		
<u>30400</u>	<u>30500</u>			<u>10</u>		
<u>30530</u>	<u>30545</u>			<u>20</u>		
<u>307</u>	<u>30730</u>			<u>10</u>		
<u>31330</u>	<u>31415</u>			<u>40</u>		

*COLOR CODE

← TOTAL TIME OF DISCHARGE OF AIR CONTAMINANTS
OF OPACITY (OR DENSITY) OF _____ OR GREATER

"B" MEANS BLACK

"W" MEANS WHITE

" " MEANS _____

" " MEANS _____

SIGNATURE Robert BashuaTITLE RS

TEST NO. _____

PAGE

4

FRESNO COUNTY AIR POLLUTION CONTROL DISTRICT

~~0000040~~

VISIBLE EMISSIONS FIELD REPORT

NAME <i>Attas Asbestos</i>		DATE OF INSPECTION <i>Oct 20</i>	
EQUIPMENT LOCATION (ADDRESS) <i>Page 4</i>		PERMIT APPL. NO.	
SOURCE OF AIR CONTAMINANTS <i>#1 Fabric Filter</i>		TYPES OF AIR CONTAMINANTS	
POINT(S) OF OBSERVATION <i>SE of Fan</i>		POINT OF DISCHARGE <i>Fan exhaust</i>	
WEATHER	WIND	HOURS OF OBSERVATION: FROM TO	

OBSERVATIONS OF VISIBLE AIR CONTAMINANTS

TIME		INTERVAL		OPACITY or RINGEL- MANN NO.	COLOR (SEE CODE BELOW)	
FROM	TO	MIN- UTES	SEC- ONDS			
3 ⁵ ₁₅	3 ¹⁶ ₀₀			30		
3 ¹⁶ ₀₀	3 ¹⁶ ₃₀			25		
3 ¹⁶ ₃₀	3 ¹⁷ ₀₀			20		
3 ¹⁷ ₀₀	3 ¹⁷ ₁₅			20		Puff 60%
3 ¹⁸ ₄₀	3 ¹⁹ ₀₀			15		
3 ²⁶ ₂₀	3 ²⁷ ₀₀			10		
3 ²⁸	3 ²⁸ ₃₀			10		
3 ³¹ ₄₅	3 ³² ₁₅			20		

*COLOR CODE

← TOTAL TIME OF DISCHARGE OF AIR CONTAMINANTS
OF OPACITY (OR DENSITY) OF _____ OR GREATER

"B" MEANS BLACK

"W" MEANS WHITE

" " MEANS _____

" " MEANS _____

SIGNATURE _____

TITLE _____

PAGE _____

~~000040~~

VISIBLE EMISSIONS FIELD REPORT

NAME <i>Atmos Asbestos</i>		DATE OF INSPECTION <i>Oct 27 1976</i>	
EQUIPMENT LOCATION (ADDRESS)		PERMIT APPL. NO.	
SOURCE OF AIR CONTAMINANTS <i>#1 Fab Filter</i>		TYPES OF AIR CONTAMINANTS <i>Asbestos</i>	
POINT(S) OF OBSERVATION <i>So E</i>		POINT OF DISCHARGE <i>Fan</i>	
WEATHER <i>Clear</i>	WIND <i>0-3</i>	HOURS OF OBSERVATION: FROM TO	

OBSERVATIONS OF VISIBLE AIR CONTAMINANTS

[illegible]

TOTAL TIME OF DISCHARGE OF AIR CONTAMINANTS
OF OPACITY (OR DENSITY) OF _____ OR GREATER

"W" MEANS WHITE

SIGNATURE R. Bashir

TITLE _____

TEST NO. _____

PAGE _____

FRESNO COUNTY AIR POLLUTION CONTROL DISTRICT

VISIBLE EMISSIONS FIELD REPORT

FILED
FRESNO
APR 1 1976

NAME <u>Atlas Asbestos</u>		DATE OF INSPECTION <u>Oct 28</u>	
EQUIPMENT LOCATION (ADDRESS)		PERMIT APPL. NO.	
SOURCE OF AIR CONTAMINANTS <u>#1 Fabric Filter</u>		TYPES OF AIR CONTAMINANTS	
POINT(S) OF OBSERVATION <u>So</u>		POINT OF DISCHARGE <u>Fan Ex</u>	
WEATHER <u>Clear</u>	WIND <u>So</u>	HOURS OF OBSERVATION: FROM <u>12⁰²</u> TO <u>12³⁰</u>	

OBSERVATIONS OF VISIBLE AIR CONTAMINANTS

TIME		INTERVAL		OPACITY or RENGEL- MANN NO.	COLOR *(SEE CODE BELOW)	
FROM	TO	MIN- UTES	SEC- ONDS			
12 ⁰⁷	12 ^{08³⁰}	1	30	0		<u>Grinding Bagging</u>
12 ^{08³⁰}	12 ¹²	3	30	0		
12 ^{15³⁰}	12 ²²	3	30	0		
12 ²²	12 ³⁰	8		0		

*COLOR CODE

← TOTAL TIME OF DISCHARGE OF AIR CONTAMINANTS
OF OPACITY (OR DENSITY) OF _____ OR GREATER

"B" MEANS BLACK

"W" MEANS WHITE

" " MEANS _____

" " MEANS _____

SIGNATURE R. BarberTITLE PS

TEST NO.

PAGE

FRESNO COUNTY AIR POLLUTION CONTROL DISTRICT ~~0000040~~
~~0000042~~

VISIBLE EMISSIONS FIELD REPORT

NAME <u>Allas Asbestos</u>				DATE OF INSPECTION <u>Oct 28</u>	
EQUIPMENT LOCATION (ADDRESS)				PERMIT APPL. NO.	
SOURCE OF AIR CONTAMINANTS <u>#1 Fab Filter</u>				TYPES OF AIR CONTAMINANTS	
POINT(S) OF OBSERVATION <u>So</u>				POINT OF DISCHARGE <u>Ex Fan</u>	
WEATHER <u>Clear</u>		WIND <u>3 So</u>		HOURS OF OBSERVATION: FROM TO	
OBSERVATIONS OF VISIBLE AIR CONTAMINANTS					
TIME		INTERVAL		% OPACITY or RINGEL-MANN NO.	COLOR *(SEE CODE BELOW)
FROM	TO	MIN-UTES	SEC-ONDS		
<u>1⁴⁰</u>	<u>1⁴⁵</u>	<u>5</u>		<u>0%</u>	<u>Shaking operation</u>
<u>1⁴⁵</u>	<u>1⁵³</u>	<u>8</u>		<u>0</u>	
<u>1⁵³</u>	<u>2⁰¹</u>	<u>9</u>		<u>0</u>	
<u>2⁰¹</u>	<u>2¹⁰</u>	<u>9</u>		<u>0</u>	
*COLOR CODE		TOTAL TIME OF DISCHARGE OF AIR CONTAMINANTS OF OPACITY (OR DENSITY) OF _____ OR GREATER			
"B" MEANS BLACK "W" MEANS WHITE " " MEANS " " MEANS					
SIGNATURE <u>P. Bashua</u>				TITLE <u>RS</u>	

PROPOSAL

WHEELABRATOR CORPORATION

DUST & FUME CONTROL DIVISION

MISHAWAKA, INDIANA

BAGHOE #1 ~~0000042~~

NO. 646-TMS-4283

December 2, 1964

Our 56th Year

Atlas Minerals
Division of Atlas Corporation
P. O. Box 805
Coalingua, California

Attention: Mr. Harold A. Powers
Project Manager

Gentlemen:

We propose to furnish a Wheelabrator DUSTUBE Dust Collector with auxiliary equipment per specifications, terms and conditions hereafter stated and made a part of this proposal:

DUST COLLECTOR FOR 36,000 C.F.M.

One (1) No. 35-R Model 168-D (T-28) Knocked Down Type, five-compartment, Continuous Automatic Wheelabrator DUSTUBE Dust Collector, each compartment having a net cloth area of 3780 sq. ft. When four compartments are operating and the other shaking, the minimum net cloth area will be 15,120 sq. ft., to filter 36,000 c.f.m. of asbestos fines dust laden air, at an air to cloth ratio of 2.38 to 1. The gross cloth area is 18,900 sq. ft. Each compartment equipped with separate outside mounted tubular type device, separate air operated 22" damper valve. 60° side-slope hopper for 12" screw conveyor. Unit equipped with program timer for sequence operation of the shaker device and damper valves. With Nylon DUSTUBES and three prong hooks -

\$ 19,54

Above equipment includes:

Five (5) 22" Fabricated Damper Valves with wipers.

-continued-

Above equipment includes: (Cont'd)

- Five (5) 3" diameter x 6" long air cylinders each with one (1) four-way solenoid air valve in weather tight enclosure for operation of damper valves.
- One (1) 10 Circuit Eagle Signal Program Timer with Bodine motor with heavy duty gear train in NEMA 1A enclosure, for 440 volt, 60 cycle, single phase current.
- One (1) Line Oiler Filter.
- One (1) Lot 990 (includes 10 spares) of C-13 Nylon, strap top DUSTUBES
- One (1) Set of 14'-6" supports for above DUSTUBE collector which will provide a final valve clearance of 5'-9", including single ladder and 40' long access platform - \$ 1,100
- One (1) No. 44-1/2 Airfoil Exhauster, anti-friction bearings, Class No. II, Arr. No. 1 for v-belt drive, clockwise rotation, top horizontal discharge, to efficiently handle 39,372 c.f.m., at 5" S. P. standard conditions at approximately 960 r.p.m., requiring 45.10 b.hp. input at 70°F. - 1,320
- One (1) V-belt drive for the Exhauster - 250
- One (1) 12" fabricated rotary type hopper discharge valves with wipers - 237
- One (1) 12"X size, 45 ft. long screw conveyor, with #12 Ga. gasketed trough and cover, hangers, inlets, and discharge spout - assembled and match-marked - 1,150
- One (1) Set of drive equipment for rotary valve and screw conveyor, consisting of reducer, chain and v-belt drives, drive guards, and platform - 420

-continued-

Five (5)	1 h.p., 1800 r.p.m. shaker motors - at \$60.00 each -	\$ 300.
Five (5)	Size No. 1 starters for above motors - at \$40.00 each -	200.
One (1)	50 h.p., 1800 r.p.m., fan cooled exhaustor motor - with sliding base -	775.
One (1)	Size No. 3 starter for above motor -	125.
One (1)	"Start-Stop" push button station -	16.
One (1)	5 h.p., 1800 r.p.m. fan cooled rotary valve - screw conveyor motor -	116.
One (1)	Size No. 1 starter for above motor -	40.
One (1)	"Start-Stop" push button station -	<u>16.</u>
TOTAL - f.o.b. Mishawaka, Indiana		\$ 25,606.

PURCHASER TO FURNISH:

All foundations, including anchor bolts.

All electrical wiring, including disconnect switch from main power supply.

All ventilation piping, hoods and ductwork, and fan drive guards.

All installation labor.

Cut-outs for inlet and outlet ducts as required.

Source of clean, dry compressed air at 60 p.s.i.g.

Compressed air piping and connections to damper valve operators.

Means of preventing condensation, including insulation and/or auxiliary heat, if required.

-continued-

INSTALLATION SUPERVISION

For minimum installation cost and best operating results, an erection supervisor is recommended. A competent factory trained supervisor will be furnished at the following rates:

Weekdays, for each eight-hour day or less.....\$65.00 per day
Saturdays, Sundays or holidays.....\$97.50 per day
Time beyond eight hours in any day.....\$10.00 per hour
Travel time.....\$65.00 per day

Above rates apply, plus living and traveling expenses.

Transportation costs not exceeding mileage or fare between Mishawaka, Indiana, and point of assignment.

TERMS

Net cash thirty (30) days from date of bill of lading.

All prices quoted are firm, providing we are allowed to ship this equipment on our normal shipping schedule. If shipment is deferred thirty (30) days or more at purchaser's request, we reserve the right to reflect in our invoicing any cost increases resulting from said deferment.

SHIPMENT

Based on current material supplies and shop schedules, we estimate shipment in fourteen (14) to sixteen (16) weeks from receipt of your formal order in Mishawaka, Indiana.

This proposal and acceptance are subject to the "Standard Conditions of Sale" attached.

Thank you for this opportunity of quoting on your requirements, and we hope we may serve you further with the equipment quoted above.


JKD:lis (2)

District Office:

Mr. T. M. Stanger
2602 E. Foothill Boulevard
Pasadena 8, California
PH: MU 1-4841 & 1-4842

Very truly yours,

WHEELABRATOR CORPORATION

BY: 

J. K. DAVIDSON, PROJECT ENGINEER
DUST AND FUME CONTROL DIVISION

WHEELABRATOR

C O R P O R A T I O N

MISHAWAKA, INDIANA, U. S. A.

0000042
~~0000043~~

Standard Conditions of Sale

- ACCEPTANCE:** This proposal expresses Seller's entire undertaking and responsibility when Purchaser's written order is transmitted to Seller within thirty (30) days from proposal date and when Purchaser's order is accepted by the Seller in writing at its office in Mishawaka, Indiana. Any previous quotations, agreements, conversations, or understandings are superseded by this proposal.
- GUARANTEE:** Seller guarantees workmanship and material, normal wear and tear excepted, for a period of one (1) year from date of shipment (with the exception of commercial items manufactured by others). In event of defects developing within that period under normal and proper use, Seller will furnish, f.o.b. its plant, without charge, parts required to replace material found defective. Seller shall not be held liable for any further costs or expense or indirect or consequential damages.
- SALES TAX:** Unless otherwise noted, prices contained in this acknowledgment do not include any applicable city, county, or state sales taxes. Any of the foregoing taxes are to be borne by the Purchaser.
- LOCAL ELECTRICAL CODES:** Seller shall not be liable for any expense involved in meeting any state or local electrical codes.
- RESALE EQUIPMENT:** This proposal is based on supplying any make of N.E.M.A. motors and controls of the type specified and any standard make of exhaustor of the specified characteristics. If Purchaser specifies a particular make of motor, control or exhaustor which Seller does not stock, Seller reserves the right to charge any additional price involved and its shipping estimate is subject to such delays as may be required to obtain the specified make.
- SHIPMENT:** Seller will use all reasonable care in shipping the equipment and will endeavor to make shipment within the time estimated, but Seller assumes no responsibility for loss of or damage to the equipment after shipment from its plant or for unavoidable delays such as those caused by fire, strikes, carriers or other causes beyond the Seller's control.
- ERECTION:** Seller assumes no responsibility for improper operation of equipment due to faulty erection when equipment is erected by Purchaser without supervision of Seller's Installation or Erection Engineer.
- CANCELLATION:** Orders placed as a result of this proposal are not subject to cancellation except by mutual consent and then only on terms that will indemnify Seller against loss.

SOUTHLAND ENVIRONMENTAL

Air, Water and Noise Pollution Control

~~0000042~~
17

June 14, 1974

BAGHOUSE #2-#3

Atlas Asbestos Company
P.O. Box 805
Coalinga, CA 93210

Attn: Mr. W. R. Whitener
General Manager

Subj: Mill Dust Control Systems

Gentlemen:

Enclosed you will find formal proposals for the Wheelabrator baghouse dust collectors described in your letter of intent dated June 12, 1974.

Volume revisions (25% increase) discussed during my June 13th telephone conversations with Mel Berlund will result in a larger collector for the screens and pulverizer ventilation system. The dryer baghouse collector remains the same size. I have enclosed a proposal for the total price for these two units (Size 127 and Size 136 Ultra-Jet collectors).

You will note that although the capacity of the screen and ventilation system baghouse has risen more than 25%, the total equipment sell price has risen only 3.5%. This is the type of relationship I mentioned during our discussions of June 12, in which major increases in collector capacity cause marginal increases in cost. This type of relationship is to be expected in the collector sizes required for your applications.

I have also listed one optional extra for 16 oz. "Nomex" fabric in lieu of 14 oz. "Nomex" for the dryer collector bag material. For this marginal increase in cost (\$416.00) you can expect to get 25% additional bag usable life.

I am now reviewing the equipment selections and operational parameters discussed with Mel Berlund during our conversations of June 12. I hope to have a revised proposal for the auxiliary equipment and installation in your hands by the end of the week of June 17. This proposal will incorporate required equipment sizing revisions, additions and deletions discussed with Mel Berlund.

Please call me if you have any questions.

Very truly yours,

SOUTHLAND ENVIRONMENTAL

Charles J. Yablonsky

CJY:jc

300 College Park Drive • Seal Beach, California 90740 • Telephone (213) 430-0110

cc: Mr. Irving Moore, Wheeler Properties

Mr. Melvin Berlund, Atlas Asbestos



Air Pollution Control Division

Wheelabrator-Frye Inc.PROPOSAL NO. A14-2132-12**QUOTATION**

TO: Atlas Asbestos Co.
P.O. Box 805
Coalinga, CA 93210

DATE June 14, 1974

FOR: Atlas Asbestos Co.
Coalinga, CA

Attn: W. H. Whitener
General Manager

REF: Mill Dust Control Systems

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
1.	1	Ultra-Jet bagfilter collector type M-100, Size 136, Series 108.		
2.	1	Ultra-Jet bagfilter collector type M-100, Size 127, Series 108.		
		TOTAL PRICE for Items 1 and 2:		\$63,606.00
3.	270	16 oz. "Nomex" in lieu of 14 oz. "Nomex" filter bags for Size 127 collector.		416.00

The attached specification sheets define the process, conditions of use and application of the equipment quoted as well as the services supplied by others and are the sole basis of conditions for proper equipment operation. _____

F.O.B.: Bakersfield, California**

SHIPMENT 16 - 18 weeks

TERMS: Net 30 days
See escalation clause attached

After receipt of approved drawings

The price quoted is a firm quotation for a period of 30 days after quotation date unless otherwise specifically extended in writing by Wheelabrator-Frye Inc.

SOUTHLAND ENVIRONMENTAL
AIR, WATER AND NOISE POLLUTION CONTROL
300 COLLEGE PARK DRIVE
SEAL BEACH, CALIF. 90740
TEL: (213) 430-0110

WHEELABRATOR-FRYE INC.
Air Pollution Control Division

See back for conditions of sale.

**Filter bags, cages, timer and manometer
are F.O.B. Point of Manufacture.

ULTRA-JET SPECIFICATION

Source of Specification Information:

CUSTOMER
WFI REPRESENTATIVE
JOINTLY
☐
☐
☒

BAGHOUSE #3

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APPLICATION:

ASBESTOS DRYER

Process

ASBESTOS CORE DRYING

Air Quantity 26,700 acfm

Dust Load LESS THAN 1 Gr./cu. ft.

Temperature 300 °F

Percent Less than 10 Microns UNKNOWN

Moisture percentage * % BAHCO N/A Elevation 4700 ft.

* DEW POINT IS LESS THAN 200 °F.

EQUIPMENT:

Type M100 Size 127 Series 108 No./Modules 1

Cloth Area/Module 3815 FT² Total Cloth Area 3815 FT² A/C Ratio 7.0

Bag Size 6" dia. Bag Length 108" Bag Material NOMEX

Material Weight 14 OZ. Permeability 20-35 Felt ☒ Woven ☐Finish STANDARD Style 383-03 Grounded ☐

No./Venturis 270 Material ALUMINUM No./Valves 27 No./Solenoids 27

Timer ONE-STANDARD NEMA Rating 4

Header Size 6" dia. Access Doors No. 5

Manifold Size 1.5" dia. Access Doors Size 18" x 48"

Access Location END Manometers 1 ea, 15" (25' TUBING)

CONSTRUCTION:

Seismic Zone III Wind Load 100 MPH Pressure 20 " W.G.

Housing Material M.S. Gauge 10 Construction WELDED

Hopper Material M.S. Gauge 10 Construction WELDED

Hopper Type TROUGH Hopper Access BOLTED DOOR

Internal Walkways FURNISHED External Walkways FURNISHED

Caged Ladder FURNISHED Handrail FURNISHED

Interior Paint PRIME Exterior Paint PRIME

Screw Conveyor 9" Rotary Air Locks 9" WITH DRIVE

Shop Assembly MAXIMUM* Explosion Panels NONE

Special Equipment NONE

* SHIPPED IN TWO SECTIONS, HOUSING & HOPPER

SUPPORT STEEL SHIPPED LOOSE.

Clearance Under Hopper AIR LOCK: 4'0"

ULTRA-JET SPECIFICATION

Source of Specification Information:

CUSTOMER
WFI REPRESENTATIVE
JOINTLY
☐
☐
☒

BAGHOUSE #2

~~0000010~~

APPLICATION:

SCREEN & PULVERIZER VENTILATION & CONTROL SYSTEM

Process ASBESTOS MILLING

Air Quantity 44,300 acfm Dust Load LESS THAN 2.0 Gr./cu. ft.

Temperature AMBIENT °F Percent Less than 10 Microns UNKNOWN

Moisture percentage N/A % BAHCO N/A Elevation 4700 ft.

EQUIPMENT:

Type M100 Size 136 Series 108 No./Modules 1

Cloth Area/Module 5080 Total Cloth Area 5080 A/C Ratio 8.72:1

Bag Size 6 dia. Bag Length 108" Bag Material POLYESTER

Material Weight 1602 / 50 YD. Permeability 20-35 Felt ☒ Woven ☐

Finish STANDARD Style 783-C3 Grounded ☐

No./Venturis 360 Material ALUMINUM No./Valves 36 No./Solenoids 36

Timer ONE - STANDARD NEMA Rating 4

Header Size 6" dia. Access Doors No. 6

Manifold Size 15" dia. Access Doors Size 18" x 48"

Access Location END Manometers 1 ea; 15" (25' TUBING)

CONSTRUCTION:

Seismic Zone III Wind Load 100 MPH Pressure 20 " W.G.

Housing Material M.S. Gauge 10 Construction WELDED

Hopper Material M.S. Gauge 10 Construction WELDED

Hopper Type TROUGH Hopper Access BOLTED DOOR

Internal Walkways FURNISHED External Walkways FURNISHED

Caged Ladder FURNISHED Handrail FURNISHED

Interior Paint PRIME Exterior Paint PRIME

Screw Conveyor 9" - 2 H.P. Rotary Air Locks 9" WITH DRIVE

Shop Assembly MAXIMUM * Explosion Panels NONE

Special Equipment NONE

* SHIPPED IN TWO (2) SECTIONS, HOUSING & HOPPER.
SUPPORT STEEL SHIPPED LOOSE.

Clearance Under Hopper AIR LOCK: 4'0"

ULTRA-JET SERVICES BY OTHERS

- (1) All electrical field wiring, starters, and connections.
- (2) Dust conveyance from air lock at unit.
- (3) All field erection including footings and support.
- (4) All unloading, moving, storage, and marshalling for erection.
- (5) All ductwork and connections.
- (6) Installation of all fans and auxiliary equipment supplied by WFI.
- (7) All field insulation and painting, if required.
- (8) Dry compressed air 140 scfm @ 100 psi at the header of the unit.
- (9) ALL AIR PIPING.
- (10) *NONE*
- (11) *~*
- (12) *~*

EXCEPTIONS:

We have taken the following exceptions to your specification:

NONE

WHEELABRATOR-FRYE INC.

~~0000040~~

TERMS AND CONDITIONS FOR EQUIPMENT SALES

1. This proposal is subject to change without prior notice and in any event expires thirty (30) days from its date. Acceptance of this proposal is expressly limited to the terms hereof and notice of objection to any additional terms is hereby given. Any purchase order submitted in response to this proposal shall be an acceptance hereof if it agrees with this proposal as to price, description of equipment and delivery. In any event, any order given in response to this proposal shall not constitute a contract until the same has been received at the office of Wheelabrator-Frye Inc. ("WFI"), and accepted in writing.
2. WFI warrants to the Buyer that the equipment described herein will be free from defects in material and workmanship, will be of the kind and quality herein designated or described and shall perform in accordance with the specifications herein set forth. WFI shall assign or otherwise make available to Buyer such rights as WFI may have and can assign under any warranties with respect to commercial items of the equipment described herein which are purchased by WFI from another manufacturer. The foregoing warranties are exclusive and in lieu of all other warranties, whether written, oral or implied (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE). If it appears within twelve months from the date of delivery of the equipment by WFI that the equipment described herein does not meet the warranties specified above and the Buyer notifies WFI promptly of such defect, WFI shall thereupon correct each such defect, including non-conformance with the specifications, at its option, either by repairing any defective part or parts (other than any such commercial items) or by making available f.o.b. WFI's plant, a repair or replacement part. Any liability of WFI under the warranties specified above is conditioned upon the applicable equipment being handled, erected, operated and maintained in accordance with the written instructions provided or approved in writing by WFI. The liability of WFI arising out of the supplying of said equipment and its use, whether in warranty, contract, negligence, operation of law or otherwise shall not in any case exceed the cost of correcting defects in the equipment and upon the expiration of such twelve month period, all liability of WFI shall terminate. The foregoing shall constitute the sole remedy of Buyer and the sole liability of WFI.
3. WFI will supply any make of N.E.M.A. motors and controls of the type specified and any standard make of exhaustor of the specified characteristics. If Buyer specifies a particular make of motor, control or exhaustor which WFI does not stock, WFI reserves the right to charge any additional price involved and its delivery estimate is subject to such delays as may be required to obtain the specified make.
4. In addition to the price specified herein, Buyer shall pay the amount of any present or future tax imposed by any city, county and state applicable to the sale, delivery, use or other handling of equipment which may be sold hereunder.
5. Title to and a security interest in each item which may be delivered hereunder is hereby reserved in WFI until full payment for such items has been made. If, in WFI's opinion, Buyer's credit at any time is unsatisfactory, then at WFI's option the terms of payment provided herein may be altered, the contract terminated and/or delivery of the goods may be suspended pending receipt of cash or satisfactory security. Buyer will promptly and duly execute and deliver to WFI such further documents and assurances, including financing statements, as WFI may from time to time request in order to more effectively carry out the intent and purposes of this section.
6. Delivery to carrier at point of shipment shall constitute delivery to Buyer and Buyer shall assume all risk for subsequent loss or damage.
7. WFI shall not be liable for delays in delivery or failure to manufacture or deliver due to causes beyond its reasonable control such as acts of God, acts of Buyer, acts of government or military authorities, priorities, fires, strikes, floods, epidemics, war, riot or delays in transportation.
8. Buyer may cancel its order only upon written consent of WFI and upon terms which will indemnify WFI against loss or damage plus prospective profits which profits are hereby fixed at twenty (20) percent of the contract price.
9. WFI does not assume any responsibility for compliance with Federal, state or local laws and regulations, except as expressly set forth herein.
10. WFI assumes the expenses involved in the defense of suits brought in the United States on the charge that any items of equipment delivered hereunder and manufactured by WFI and used in the manner for which it was sold by WFI constitute in and of themselves an infringement of a United States patent, plus damages, profits and costs awarded against Buyer in such a suit in an amount not to exceed in aggregate the purchase price of the items or parts thereof found to directly infringe any such patent in any such suit, provided that WFI is notified promptly in writing when such suit is brought or threatened and is given full authority, information and assistance for the defense of the suit. The foregoing does not apply to any item, or part thereof, manufactured to Buyer's specifications, and does not apply to any product manufactured on WFI equipment and, as to each such item or product, WFI assumes no liability whatsoever for patent infringement. Except as herein expressly set forth WFI does not assume any other obligation or liability in connection with patent infringement suits brought against Buyer or the user of the equipment which may be delivered hereunder.

ESCALATION

The contract price is based on costs in effect during the month of proposal and such price shall be increased or decreased in accordance with the following formula to adjust for increases or decreases in the seller's costs occurring thereafter.

I. Method of Escalation

- A. Basis of escalation shall be the Index of Iron and Steel published by the Bureau of Labor Statistics, U. S. Department of Labor.
- B. Escalatable component - For the purpose of this adjustment the proportion of the contract price subject to escalation is accepted as 100%.
- C. Base Index shall be the average of the Iron and Steel Indices for the three months consisting of the Base Month, the month immediately preceding, and month immediately following.
- D. The Base Month shall be the month during which the proposal is dated.
- E. Final Index is determined by averaging the Iron and Steel Index for the month of final shipment with the indices of the immediately preceding two (2) months.
- F. Method of Adjustment - Following the final shipment, the percentile change of the Base Index to the Final Index will be determined and applied to the Escalatable Component. The resultant increase or decrease will be billed or credited by Vendor to the Purchaser's account at that time.

II. General

- A. If shipment* is delayed (1) due to causes beyond the Company's reasonable control, (2) due to Acts of God, acts of the Purchaser, acts of civil or military authority, priorities, fires, strikes, floods, epidemics, war, riot, delays in transportation, car shortages, or (3) inability due to causes beyond its reasonable control to obtain necessary labor, materials, components or manufacturing facilities, the Labor Index and the Materials Index for the month on which shipment* is made shall be used for the purpose of price adjustment required by Section I.
- B. In the event any change in the contract specifications prior to shipment* results in a change in price, the new price shall be considered as having been in effect since the order was placed for the purposes of price adjustment.
- C. Escalation adjustments shall be calculated to the nearest one-tenth of one percent.

*In the event the Company has been delayed by any of the causes specified in the clause entitled "Excusable Delays" which is set forth in the Company's Conditions of Sale, "Shipment" shall mean the actual date of shipment.